

INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE
PROSECUTION OF THE SUBJECT APPLICATION

Applicants: K.-Y. Jen et al. Attorney Docket No. UWOTL122160
Application No.: 10/758,292 Group Art Unit: 1711
Filed: January 15, 2004
Title: REVERSIBLE CROSSLINKING METHOD
FOR MAKING AN ELECTRO-OPTIC POLYMER

U.S. PATENT DOCUMENTS

*Examiner Cite	Kind	Date	
Initials No. Document No. Code (mm/dd/yyyy) Name			
NONE			

FOREIGN PATENT DOCUMENTS

*Examiner Cite	Kind	Publication Date	Country	English Abstract Provided	Translation Provided
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OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

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<u>ML</u>	O1 Chen, X., et al., "A Thermally Re-Mendable Cross-Linked Polymeric Material," <i>Science</i> 295:1698-1702, March 1, 2002.
<u>/</u>	O2 Goussé, C., et al., "Application of the Diels-Alder Reaction to Polymers Bearing Furan Moieties. 2. Diels-Alder and Retro-Diels-Alder Reactions Involving Furan Rings in Some Styrene Copolymers," <i>Macromolecules</i> 31:314-421, 1998.
<u>HK</u>	O3 Kwart, H., and K. King, "The Reverse Diels-Alder or Retrodiene Reaction," <i>Chem. Rev.</i> 68(4):415-447, August 1968.

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESS^{LLC}
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
206.682.8100

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O6 | Luo, J., et al., "Design, Synthesis, and Properties of Highly Efficient Side-Chain Dendronized Nonlinear Optical Polymers for Electro-Optics," <i>Adv. Mater.</i> 14(23):1763-1768, December 3, 2002.

McElhanon, J.R., and D.R. Wheeler, "Thermally Responsive Dendrons and Dendrimers Based on Reversible Furan-Maleimide Diels-Alder Adducts," <i>Org. Lett.</i> 3(17):2681-2683, 2001.

Yoon, S.S., and W.C. Still, "Sequence-Selective Peptide Binding With a Synthetic Reception," <i>Tetrahedron</i> 51(2):567-578, 1995. |
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Date Considered

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4-9-01

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LAW OFFICES OF
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<u>HR</u> U1	5,447,662	A	09/05/1995	Herr et al.
<u>HR</u> U2	5,489,451	A	02/06/1996	Omeis et al.

FOREIGN PATENT DOCUMENTS

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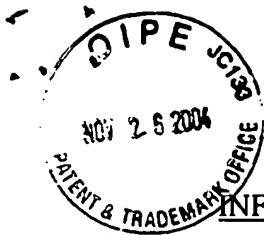
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4-9-06

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LAW OFFICES OF
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<u>plh</u> O1	Lui, J., et al., "Design, Synthesis, and Properties of Highly Efficient Side-Chain Dendronized Nonlinear Optical Polymers for Electro-Optics," <i>Advanced Materials</i> 14(23):1763-1768, December 3, 2002.
<u>plh</u> O2	Ma, H., et al., "Polymer-Based Optical Waveguides: Materials, Processing, and Devices," <i>Advanced Materials</i> 14 (19):1339-1365, October 2, 2002.

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